INDUSTRIAL COMPONENT DATA

SAC-5P-P12MS/ 1,5-PUR/P12FS SH 1224249 PHOENIX CONTACT Sensor/actuator cable, 5-pole, halogen-free PUR, grey..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-P12MS/ 1,5-PUR/P12FS SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-P12MS/ 1,5-PUR/P12FS SH
Catalog number	1224249
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-0F1362971D
Generated	2026-11-18

Product Overview

Sensor/actuator cable, 5-pole, halogen-free PUR, greyish black RAL 7021, shielded (Advanced Shielding Technology), M12 Push-pull straight connector, coding: A, a M12 Push-pull straight female, coding: A, cable length: 1.5 m
Sensor/Actuator Cable, Halogen-Free 5-Pole, Shielded (Advanced Shielding Technology), M12 Straight Connector, Coding: A Push-pull, A Straight Female M12, Coding: A Push-pull, Cable Length: 1.5 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataassemblyConnection type Push-Pull
Item PropertiesProduct Type Sensor/Actuator Cables
Number of poles 5
application Standard
Number of Cable Outlets 1
Shielded Yes
Codification to
Insulation Properties
Surge Category Ii
Degree of pollution 3

Material DataFlammability class according to UL 94 V0
Electrical PropertiesContact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 48 V AC
60 V DC
Nominal Current IN 4 A
Protection Circuit Unplugged
Mechanical PropertiesMechanical data
Plug Cycles >= 100
SignageStatus Indication No
Available Status Indication No
Connection dataConnection technology
Connection type Push-Pull
Connecting Conductors
Connection type Push-Pull
ConnectorsConnection 1
Construction M12 Push-pull Straight Connector
Number of poles 5
Locking system Push-pull
Encoding Type to
Connection 2
Construction Straight Female M12 Push-pull
Number of poles 5
Locking system Push-pull
Encoding Type to
Cable/LineCable length 1.5 m
Halogen-free PUR Black [PUR]
Dimension Scheme
Cable Weight 43 kg/km
UL AWM Style 20549 / 10493 (80°C/300V)
Number of poles 5
Shielded Yes
Cable type Halogen-free PUR Black [PUR]
Conductor Construction Signal Cable 42x 0.10 mm
AWG Signal Line 22
Line Section 5x 0.34 mm² (signal conductor)
Conductor diameter incl. insulation 1.27 mm ±0.02 mm (signal conductor)
Cable Outer Diameter 5.25 mm ±0.2 mm
Outer Wrap, Material PUR
Outer Wrap, Color greyish black RAL 7021
Conductive Material Naked Cu Conductor
Material: Conductor Ins...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-P12MS/ 1,5-PUR/P12FS SH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.